

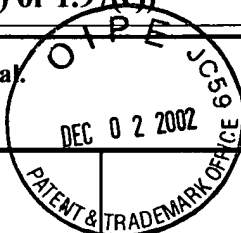
Supplemental

GP/2811

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No. \_\_\_\_\_  
GS 174

In Re Application Of: **Richard A. Blanchard et al.**



Serial No.  
10/039,284

Filing Date  
12/31/01

Examiner  
Unassigned

Group Art Unit  
2811

Title: **HIGH VOLTAGE POWER MOSFET HAVING A VOLTAGE SUSTAINING REGION  
THAT INCLUDES DOPED COLUMNS FORMED BY TRENCH ETCHING USING AN  
ETCHANT GAS THAT IS ALSO A DOPING SOURCE**

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Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

Supplemental

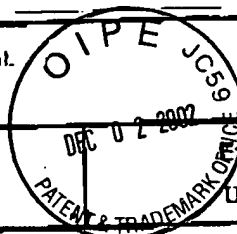
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**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☐ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below. A duplicate copy of this sheet is enclosed.
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*Karin L. Williams*  
Signature

Dated:

11/27/02

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## INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.

GS 174

SERIAL NO.

10/039,284

Richard A. Blanchard et al.

FILING

12/31/01

GROUP

2811

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	10/039,241		Blanchard			12/31/2001
	2.	10/038,845		Blanchard			12/31/2001
	3.	09/970,758		Blanchard et al.			10/4/2001
	4.	2001/0053568A1	12/20/2001	Deboy et al.	438	138	
	5.	2001/0036704A1	11/1/2001	Huetting et al.	438	270	
	6.	2001/0026977A1	10/4/2001	Hattori et al.	438	268	
	7.	5,216,275	6/1/93	Chen	257	493	
	8.	5,108,783	4/28/92	Tanigawa et al.	437	63	
	9.	4,893,160	1/9/90	Blanchard	357	23.4	
	10.	4,711,017	12/8/87	Lammert	437	20	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1.	Xing Bi Chen et al., "A Novel High-Voltage Sustaining Structure with Buried Oppositely Doped Regions," <i>IEEE Transactions on Electron Devices</i> , Vol. 47, No. 6, June 2000, pp. 1280-1285.
	2.	N. Cezac et al., "A New Generation of Power Unipolar Devices: the Concept of the Floating Islands MOS Transistor (FLIMOST)," Proceedings of the 12th International Symposium on Power Semiconductor Devices & ICs, Toulouse, France, May 22-25, 2000, pp. 69-72.

EXAMINER

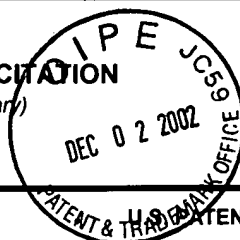
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## PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	11.	4,569,701	2/11/86	Oh	148	188	
	12.	4,419,150	12/6/83	Soclof	148	187	
	13.	4,140,558	2/20/79	Murphy et al.	148	175	
	14.	10/039,068		Blanchard			12/31/01

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	3.	Ming-Kwang Lee et al., "On the Semi-Insulating Polycrystalline Silicon Resistor," <i>Solid State Electronics</i> , Vol. 27, No. 11, 1984, pp. 995-1001.

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